3.1.9. Device Location

- 1. For Quanta hostless device, please use "Technician PC" only.
- 2. Please right click on top of connection manager and select

"Options \rightarrow Device Location \rightarrow Technician PC".

- 3. Please set IP address to "10.0.0.1" and click "OK" button.
- 4. Connection manager will get information from Quanta hostless device.



3.1.10. Help

1. Please right click on top of connection manager and select

"Help→About".

- 2. Connection manager will pop out a "LTE Card Info" message box.
- 3. It will show information of IMSI number, IMEI number, Supported Bands, Current firmware version, and System package version.
- 4. Please click "OK" button.

5. Please right click on top of connection manager and select

"Help \rightarrow Show Versions".

- 6. Connection manager will pop out a "Version info" message box.
- 7. It will show information of System release version, SWInfra release version, and Current firmware version.
- 8. Please click "OK" button.







3.1.11. Reset

1. Please right click on top of connection manager and select

"Reset".

2. Connection manager will pop out a "" message box.

	View	•
	Manual PLMN	
Device Not Fc	Change to Commercial Mode	
Automatic PLI	Options	
Co	Help	
	Reset	
Connection Time	Quit	
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4. Diagnostic Tool

4.1. MsgView

1. Please open MsgView by clicking

Start→Programs→Altair Semiconductor→LTE ALT3100→MsgView.

Ja Altair Semiconductor
LTE ALT3100
ADCC
Connection Manager
💥 DbgView
MDM
M MsgView
Offline Logs Playback
C SmartCLI
🕥 Uninstall
J HLVUSB
Internal Tools

- 2. Please click "Start Logging" button to start message logging.
- 3. Please plug in Quanta device and wait a few seconds for device to be ready.
- 4. Once you find an issue, please stop testing and data logging, please save log file and send it to Quanta.

C\ProgramData\WinformProject\10.0.0/j.ogi\25120828_112815_logf8e.log* essage Logging	-21	
Timestamp UTA MAC RLC POOP RRCPOM NAS	Ċ.	
*		

4.2. DbgView

1. Please open DbgView by clicking

Start→Programs→Altair Semiconductor→LTE ALT3100→DbgView.

- Altair Semiconductor
 LTE ALT3100
 ADCC
 Connection Manager
 DbgView
 MDM
 MsgView
 Offline Logs Playback
 SmartCLI
 Uninstall
 HLVUSB
 Internal Tools
- 2. Please plug in Quanta device and wait a few seconds for device to be ready, and the DbgView will start data logging.
- 3. Please click "Save" button to save log to a file.
- 4. Once you find any issue, please stop testing and data logging, and please send this log file to Quanta.

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5. Firmware Upgrade

5.1. Image Burn Tool

1. Please click

Start→Programs→Altair Semiconductor→LTE ALT3100→HLVUSB→Image Burn Tool.

Altair Semiconductor
LTE ALT3100
ADCC
Connection Manager
💥 DbgView
MDM
M MsgView
Offline Logs Playback
C SmartCLI
Q Uninstall
JU HLVUSB
🔳 Image Burn Tool
🔂 Uninstall
🌙 Internal Tools

- 2. Please check "U-Boot Env".
- 3. Please check "U-Boot".
- 4. Please check "Linux".
- 5. Please check "File System".
- 6. Please check "NVM".
- 7. Please click "Start" button to start firmware upgrade process.



8. Please click "YES (Y)" button.



- 9. It will show message "Waiting for device reset ...".
- 10. The easiest way to reset device is to power cycle device (i.e. to take out and plug in device).
- 11. If you are doing remote firmware upgrade process, please follow the following procedure to reset device.
- 12. Please open device manager and find network interface of Quanta device "Remote NDIS based Internet Sharing Device #".
- 13. Please disable this network interface by right click on it.
- 14. Please enable this device again.
- 15. Please find your Gadget Serial COM port number (for example, COM112).



● 単振管理(本権)	i 🔮 Jungo		動作	
▲ 計 未成工具	D-BUSB ERE		秋夏餐道具	
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- 16. Please open COM112 COM port (for example, open it by putty.exe)
- 17. Please select "Serial" as your "Connection type".
- 18. Please fill in "COM112" as your "Serial line".
- 19. Please click "Open" button to set up connection.

- 20. Please enter "at".
- 21. Please check if it responds with "OK".
- Please enter "atz" AT command to reboot 22. Quanta device.

- 23. After Quanta device reboots successfully, the "Image Burn Tool" will start to do firmware upgrade process.
- 24. Please make sure you Quanta device has finished the firmware upgrade process with "----Finished ----".
- 25. Please close "Image Burn Tool".
- Please take out and plug in Quanta device. 26.



X

- 27. In order to recover the original calibration data, please use ADCC tool.
- 28. After the device reboot successfully, please open "Altair Device Control Center" by clicking, Start→Programs→Altair Semiconductor→LTE ALT3100→ADCC.
- 29. Please click "Open Connection" and wait for a few minutes.
- 30. Please click "BSP DB" tab.
- 31. Please select "Boot Parameters (Boot Bp).
- 32. Please select "From File".
- 33. Please click Read DB and find the source DB and click "Open" button to read it.

- 34. Please click "Burn DB" button to start burning.
- 35. Please repeat this procedure to burn the other DBs.

